

PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
T8275SERIAL NO.
09/559,799

LIST OF PRIOR ART CITED BY APPLICANT

SECOND SUPPLEMENTAL

APPLICANT Ai-Zhi Piao, et al.

FILING DATE
April 27, 2000GROUP
1616

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	AR		Byeongmoon Jeong, et al, "Biodegradable Block Copolymers as Injectable Drug-delivery Systems", <i>Letters to Nature</i> , Vol. 388, 28 August 1997, page 860, lines 5-9.
	AS		A Chenite, et al, "Novel Injectable Neutral Solutions of Chitosan Form Biodegradable Gels In Situ", <i>Biomaterials</i> , 21 (2000) 2155-2161, page 2155, column 1, lines 5-7.
	AT		E. Ruel-Gariepy, et al, "Thermosensitive Chitosan-based Hydrogel Containing Liposomes for the Delivery of Hydrophilic Molecules", <i>Journal of Controlled Release</i> , 82 (2002) 373-383, page 374, column 1, lines 32-36.
EXAMINER			DATE CONSIDERED 1/12/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Application Number	09/559,799
LIST OF PRIOR ART CITED BY APPLICANT		Filing Date	04/27/2000
		First Named Inventor	Al-Zhi Piao
		Group Art Unit	1711
		Examiner Name	
Sheet 1 of 2		Attorney Docket Number	T8275

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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SSG [Signature]	AA	5,330,768	19 July 1994	Park, et al.			
	AB	5,324,519	28 June 1994	Dunn, et al.			
	AC	5,278,202	11 Jan 1994	Dunn, et al.			
	AD	5,100,669	31 March 1992	Hyon, et al.			
	AE	4,938,763	3 July 1990	Dunn, et al.			
	AF	4,745,160	17 May 1988	Churchill, et al.			
	AG	4,652,441	24 March 1987	Okada, et al.			
	AH	4,526,938	2 July 1985	Churchill, et al.			
SSG [Signature]	AI	4,438,253	20 March 1984	Casey, et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SSG [Signature]	AJ	GB93/01079	28 May 1992	WIPO			
SSG [Signature]	AK	0 258 780	25 Aug 1987	EPO			
SSG [Signature]	AL	0 092 918	31 March 1983	EPO			

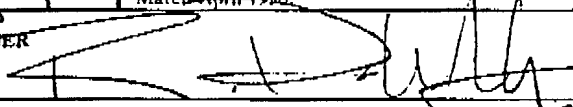
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SSG [Signature]	AM	AS Sawhney and JA Hubbell, <u>Rapidly Degraded Terpolymers of dl-Lactide, Glycolide, and ε-Caprolactone with Increased Hydrophilicity by Copolymerization with Polyethers</u> , <i>J. Biomed. Mat. Res.</i> , 24, 1397-1411(1990)
	AN	AS Sawhney, CP Pathak, and JA Hubbell, <u>Bioresorbable Hydrogels Based on Photopolymerized Poly(ethylene glycol)-c9-poly(α-hydroxy acid) Diacrylate Macromers</u> , <i>Macromolecules</i> , 26(4), 581-589: 1993.
	AO	T Matsuda, N Motomura, and T Oka, <u>Angiopoietin as a Potent Inhibitor of Myointimal Hyperplasia: Systemic Injection and Local Administration via Impregnation in a Biodegradable Polymeric Gel</u> , <i>ASAIO Journal</i> , M512-M517(1993).
	AP	L Martini et al., <u>Micellisation and Gelation of Triblock Copolymer of Ethylene Oxide and ε-Caprolactone, CLE, CL in Aqueous Solution</u> , <i>J. Chem Soc. Faraday Trans.</i> , 90(13), 1961-1966: 1994.
	AQ	TP Johnston and SC Miller, <u>Inulin Disposition Following Intramuscular Administration of an Inulin/Poloxamer Gel Matrix</u> , <i>J. Parenteral Science & Technology</i> , 43(6), November-December 1989
SSG [Signature]	AR	TP Johnston et al., <u>Sustained Delivery of Interleukin-2 from a Poloxamer 407 Gel Matrix Following Intraperitoneal Injection in Mice</u> , <i>Pharmaceutical Research</i> 9(3), 1992.

EXAMINER [Signature]	DATE CONSIDERED 4/14/02
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11/12/04

PTO-1449	U.S. DEPTM OF COMMERCE PATENT AND TRADEMARK OFFICE	Application Number	09/559,799
LIST OF PRIOR ART CITED BY APPLICANT		Filing Date	04/27/2000
		First Named Inventor	AI-Zhi Piao
		Group Art Unit	1711
		Examiner Name	
Sheet 2 of 2		Attorney Docket Number	T8275

AS	K Morikawa et al., <u>Enhancement of Therapeutic Effects of Recombinant Interleukin 2 on a Transplantable Rat Fibrosarcoma by the Use of a Sustained Release Vehicle, Pluronic Gel</u> , <i>Cancer Research</i> , 47 pp. 37-41, January 1, 1987.
AT	TP Johnston and SC Miller, <u>Toxicological Evaluation of Poloxamer Vehicle4s for Intramuscular Use</u> , <i>J. Parenteral Science and Technology</i> , 39(2), March-April 1985.
AU	L. Youxin, C Volland, and T Kissel, <u>In-Vitro Degradation and Bovine Serum Albumin Release of the ABA Triblock Copolymers Consisting of poly (L(+)-lactic acid-co-glycolic acid) A-Blocks attached to Central Polyoxethylene B-Blocks</u> , <i>J. Controlled Release</i> , 32: 1994. EXAMINER
AV	L. Youxin and T Kissel, <u>Synthesis and Properties of Biodegradable ABA Triblock Copolymers Consisting of poly (L-lactic acid) or poly (L-lactic-co-glycolic acid) A-Blocks attached to Central Poly(oxethylene) B-Blocks</u> , <i>J. Controlled Release</i> , 27: 1993
AW	KA Fuirs and TP Johnston, <u>Sustained-Release of Urease from a Poloxamer Gel Matrix</u> , <i>J. Parenteral Science & Technology</i> , 44(2), March-April 1990.
EXAMINER	DATE CONSIDERED
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1/12/04

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Application Number 59,799
LIST OF PRIOR ART CITED BY APPLICANT SUPPLEMENTAL Sheet 1 of 1		Filing Date April 27, 2000
		First Named Inventor Ai-Zhi Piao, et al.
		Group Art Unit 1711
		Examiner Name
		Attorney Docket T8275



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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Handwritten initials]</i>	AA	5,702,217	12/30/97	Younsik Cha, et al.			
	AB	6,004,573	12/21/99	Ramesh C. Rathi, et al.			
	AC	6,117,949	09/12/00	Ramesh C. Rathi, et al.			
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)			

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 9/29/02
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[Signature] 1/12/04